

ABSTRACT

Disclosed are a phosphate-binding polymer having a true specific gravity of 1.18 - 1.24, tablets that solely consist of the particles of a phosphate-binding polymer having an average particle size of no more than 400 μm , with at least 90% being occupied by particles no larger than 500 μm , and having a true specific gravity of 1.18 - 1.24 and a water content of 1 - 14%, or tablets that contain both the particles and crystalline cellulose and/or low substituted hydroxypropyl cellulose, and a process for producing such tablets.

The phosphate-binding polymer can be formulated as tablets either alone or in combination with specified additives. Whichever the case, the tablets have satisfactory hardness, contain the active ingredient in high proportion, have high phosphate-binding capability and exhibit rapid disintegrability in an acidic to neutral region while having little sensitivity to the strength of agitation. The tablets are excellent pharmaceutical preparations that undergo reduced variations in bioavailability in spite of movements within the digestive tracts and pH changes.